

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

n the Matter of a Working)
Case Regarding Electric)
Vehicle Charging Facilities)

Case No. EW-2016-0123

AGENDA FOR WORKSHOP AND REQUEST FOR COMMENTS

COMES NOW the Staff of the Missouri Public Service Commission, by and through counsel, and states:

1. On December 2, 2015, the Commission issued an *Order Opening a Working Case Regarding Electric Vehicle Charging Facilities* directing Staff to obtain input from interested stakeholders regarding charging facilities and provide a report to the Commission no later than June 1, 2016. Staff filed its *Notice of Workshop* December 30, 2015, promising to file the meeting agenda at a later date.

2. Staff now files as Attachment A an agenda outlining the topics for the February 11, 2016, workshop.

3. In the interest of providing necessary background information and facilitating discussion at the workshop, Attachment B presents questions, which Staff requests interested stakeholders to answer and subsequently file in this docket prior to the workshop. The questions include requests for each stakeholder's experience with current electric vehicle charging practices and legal interpretations.

4. Staff welcomes responses to these questions from all interested stakeholders, not just the participating investor owned utilities. Parties may skip any question not applicable to them. Please file responses under this working docket in EFIS no later than February 5, 2016.

WHEREFORE, Staff prays the Commission will accept the Agenda and issue this Request for Comment; and grant such other and further relief as the Commission considers just in the circumstances.

/s/ Whitney Payne

Whitney Payne

Legal Counsel

Missouri Bar No. 64078

Attorney for the Staff of the

Missouri Public Service Commission

P. O. Box 360

Jefferson City, MO 65102

(573) 751-8706 (Telephone)

(573) 751-9285 (Fax)

whitney.payne@psc.mo.gov

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served by electronic mail, or First Class United States Postal Mail, postage prepaid, on this 15th day of January, 2016, to all counsel of record.

/s/ Whitney Payne

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In a Matter of a Working Case Regarding) **File No. EW-2016-0123**
Electric Vehicle Charging Facilities)

AGENDA FOR FEBRUARY 11, 2016 WORKSHOP
9:30 A.M. – 3:00 P.M. IN ROOM 450, GOVERNOR OFFICE BUILDING
200 MADISON STREET, JEFFERSON CITY, MISSOURI

- 9:30 Introduction

- 9:35 Welcome

- 9:40 Panel: Are All Electric Vehicles (EV) Charging Stations Created Equal?
 - Technical discussion of charging stations
 - Industry standards
 - Vehicle compatibility with charging stations

- 10:30 Panel: Environmental Impacts of EV Charging Stations
 - Demand Response: Vehicle to Grid (V2G) Connectivity
 - Clean Power Plan Compliance
 - Obligation to Serve: Can a utility/charging station not provide charging services due to a peak hour or, in the case of vehicle to grid, take electricity from a person's vehicle?

- 11:30 – 12:45 Lunch Break

- 12:45 Panel: Project Funding: How should the project be funded?
 - Ratepayer Recovery of All Cost
 - Tax Assessments
 - Grants
 - Federal Incentives
 - State Grants

- 1:45 Panel: Other Alternative Fuel Vehicle Projects in Missouri

- 2:30 Open Discussion

- 3:00 Next Steps and Closing Remarks

Workshop for Working Case – File No. EW-2016-0123

Working Case Regarding Electric Vehicle Charging Facilities

NOTE: The Commission ordered the establishment of a working case to gather information and address the unresolved legal and long-term policy issues related to electric vehicle (EV) charging stations. Staff was directed to investigate and file a report by June 1, 2016. Your input is very much appreciated and will be used to inform Staff's report to the Commission regarding electric vehicle charging facilities. The Commission values the input of all stakeholders and is soliciting input from everyone. Feel free to skip any questions that aren't specific to your individual area of responsibility. Please review the questions below and submit your written response in EFIS.

1. What is the Missouri Public Service Commission's role in regulation of electricity from a charging station to an electric vehicle? Please provide the legal justification for your response.
2. What is the Missouri Public Service Commission's role in regulation of electricity from a utility to a charging station? Please provide the legal justification for your response.
3. Are Investor Owned Utilities ("IOU") the only entities that can provide electricity to electric vehicles via a charging station? What other entity (ies) can provide electricity to electric vehicles via charging stations? Is the answer dependent on whether the entity (ies) charges for the electricity? Please provide the legal justification for your response.
 - a. Is there a legal restriction which would prevent any company other than the local IOU electric company from providing electricity to an EV charging station?
 - b. Is the local IOU electric company obligated by law to provide electricity to EV charging stations?
 - c. What impact do the responses provided above in sub-bullets a and b have on EV charging stations that are installed and operational as of this date?
4. Is each charging station a distinct electric utility?
5. How will there be accessibility to electric vehicles for low-income ratepayers? At what point in time would accessibility to electric vehicles for low-income ratepayers occur?
6. How many EV charging stations are there in your company's service territory?
 - a. Who owns the charging station(s)?
 - b. Who operates the charging station(s)?
 - c. Does the EV owner pay for the electricity used to charge the vehicle?
7. What are other states doing to fund the development and installation of EV charging stations? Is cost recovery allowed through a utility's rates? Please include a reference to any legal authority that explicitly authorizes the method of funding or cost recovery.
8. Based on the current generation mix of your utility, will carbon emissions, NO_x, or SO_x increase or decrease if electric vehicle adoption increases? Please explain.

9. Who should pay for the equipment, installation and maintenance for the EV charging station networks?
10. How are other countries promoting public use of EV charging stations?

Questions for Natural Gas Utilities:

1. Does your utility own or operate compressed natural gas (CNG) facilities for vehicular use? If so, please state the number of CNG facilities, who can access them (e.g. open to the public), and if they are included as a regulated activity.
2. Is your Company aware of other entities that own or operate CNG facilities in your service territory? If so, please provide an estimate of the number of CNG facilities and who can access them (e.g. open to the public).
3. Please state the Company's current assessment of the CNG vehicle market, including potential and likely future growth.
4. Is the Company aware of actions that other states have done to promote the adoption of CNG vehicles? If so, please describe.
5. Is the Company aware of any state policies that promote or inhibit the further adoption of CNG vehicles in Missouri? If so, please describe.